

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042619\
 Data File : VN055262.D
 Acq On : 25 Apr 2019 23:54
 Operator : JC/SP
 Sample : K2572-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-6

Manual Integrations
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 4/26/2019 10:58:25 AM

Quant Time: Apr 26 05:49:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 26 05:19:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	67190	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	349291	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	286022	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	156224	29.46	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	98.20%		
60) 4-Bromofluorobenzene	12.40	95	99898	22.75	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	75.83%		
63) Toluene-d8	10.09	98	424911	31.27	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	104.23%		
Target Compounds						
8) Diethyl Ether	3.42	74	13254	5.317	ug/l	93
64) Chlorobenzene	11.44	112	29601	3.088	ug/l	96
66) Ethyl Benzene	11.51	91	26906	1.564	ug/l	99
67) m/p-Xylenes	11.62	106	69905	11.099	ug/l	93
70) Isopropylbenzene	12.25	105	6283	0.380	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	10661	0.785	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	29743	2.272	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

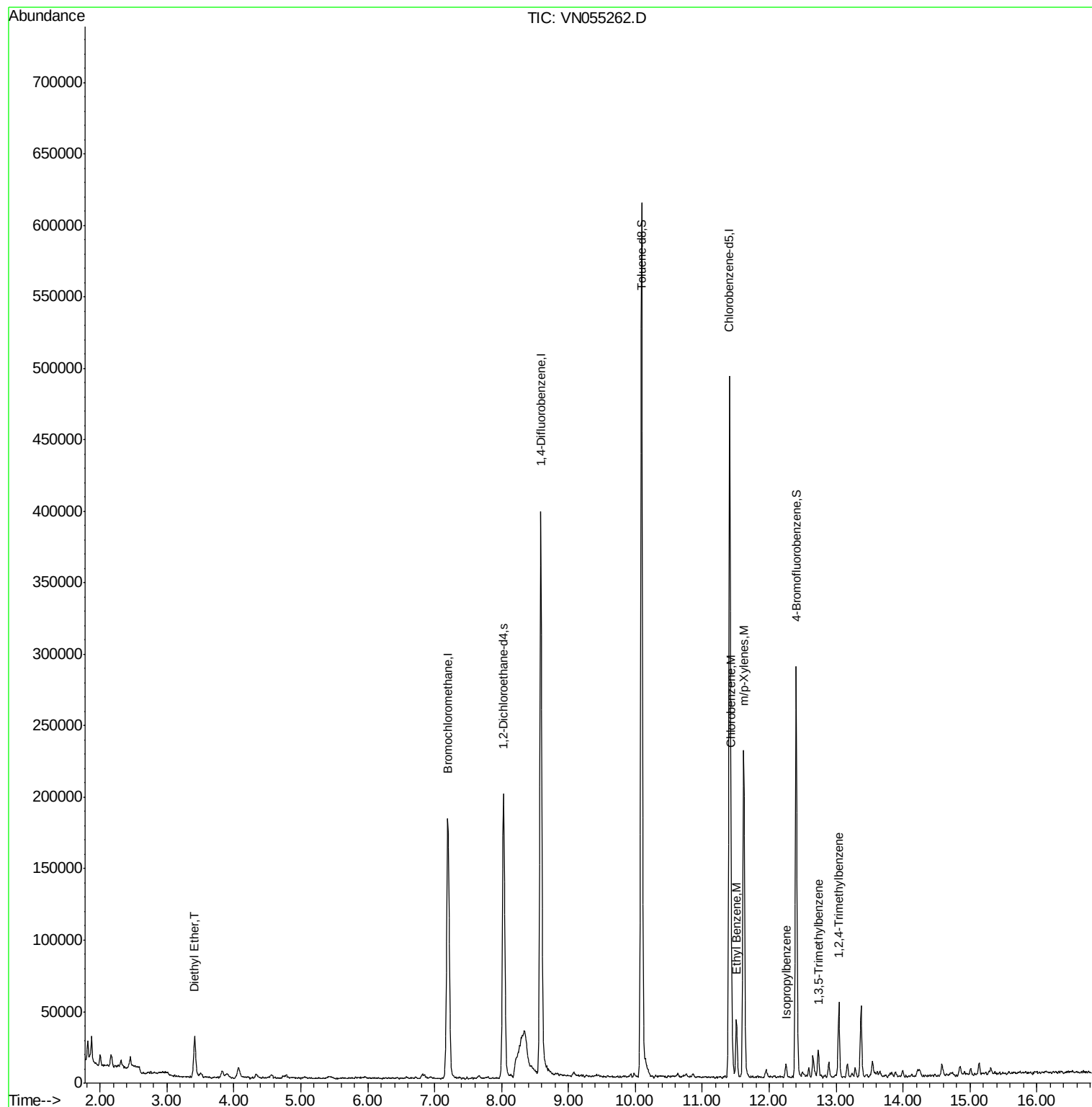
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042619\
Data File : VN055262.D
Acq On : 25 Apr 2019 23:54
Operator : JC/SP
Sample : K2572-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

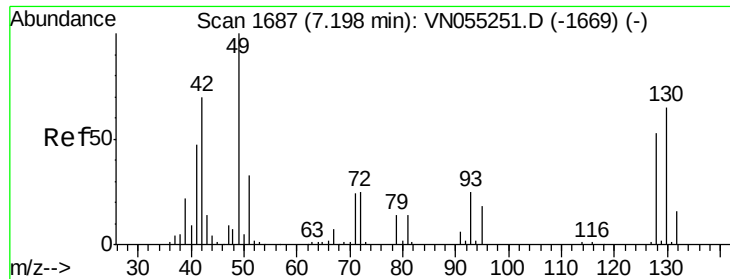
Instrument :
MSVOA_N
ClientSampleId :
MH-6

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Quant Time: Apr 26 05:49:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 26 05:19:18 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055262.D

Acq: 25 Apr 2019 23:54

Instrument :

MSVOA_N

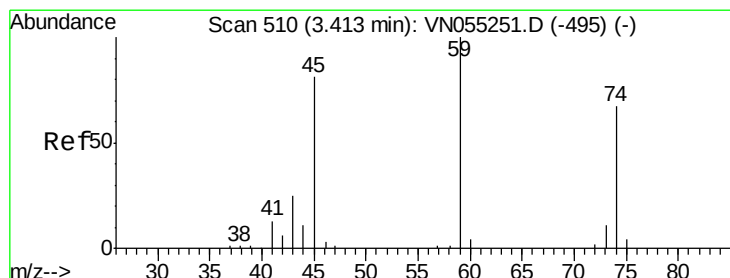
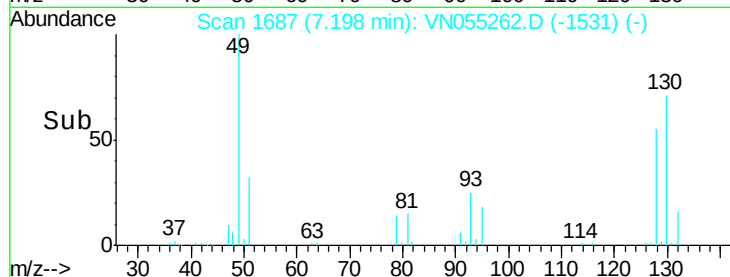
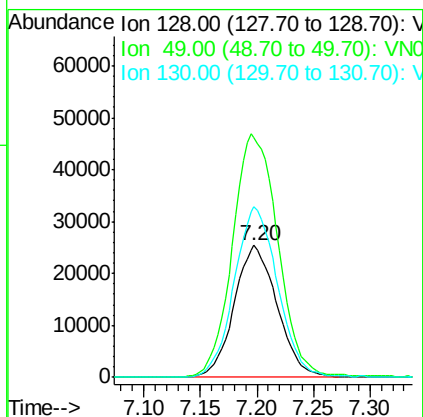
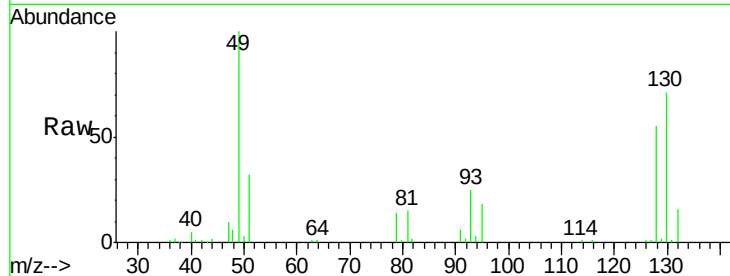
ClientSampled :

MH-6

Tot Ion:	128	Resp:	67190
Ion	Ratio	Lower	Upper
128	100		
49	194.1	0.0	485.0
130	130.2	0.0	324.7

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#8

Diethyl Ether

Concen: 5.317 ug/l

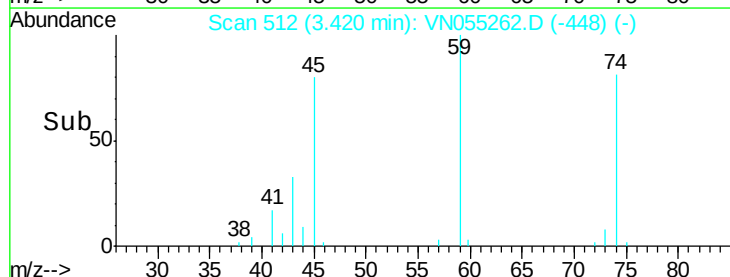
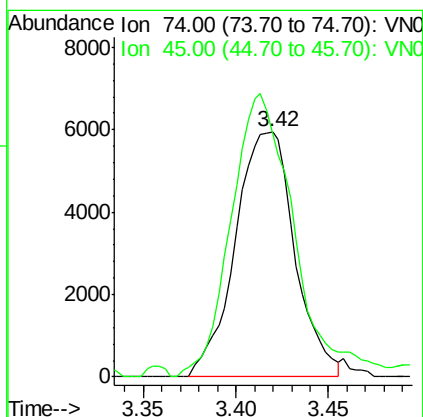
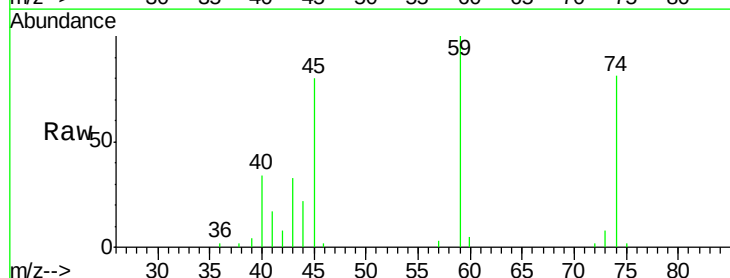
RT: 3.42 min Scan# 512

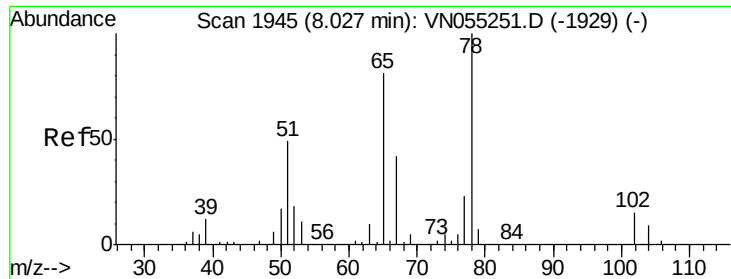
Delta R.T. 0.01 min

Lab File: VN055262.D

Acq: 25 Apr 2019 23:54

Tgt Ion:	74	Resp:	13254
Ion	Ratio	Lower	Upper
74	100		
45	117.5	25.1	225.7





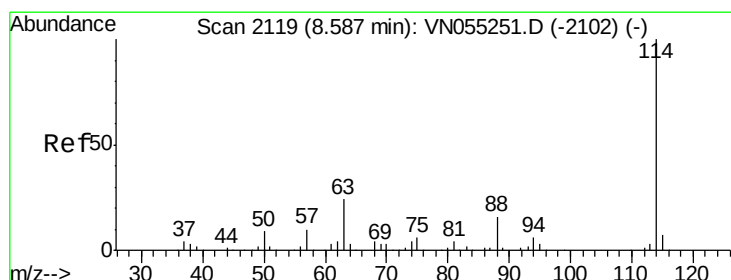
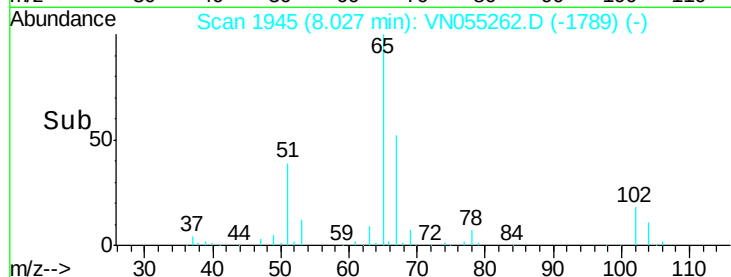
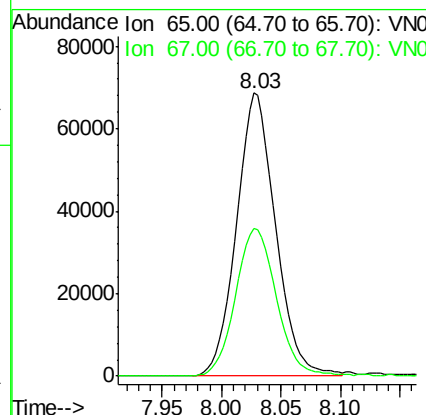
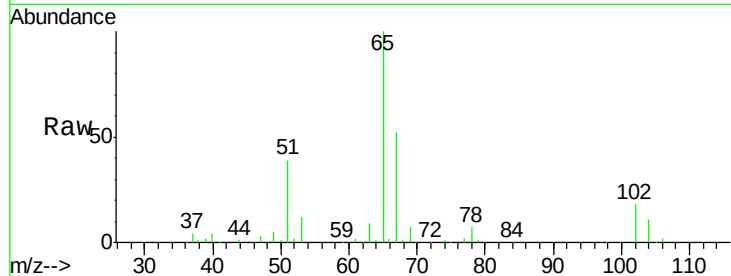
#27
 1,2-Dichloroethane-d4
 Concen: 29.458 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055262.D
 Acq: 25 Apr 2019 23:54

Instrument :
 MSVOA_N
 ClientSampled :
 MH-6

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	41.9	62.9

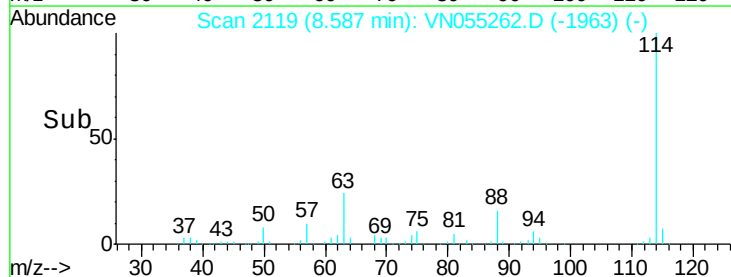
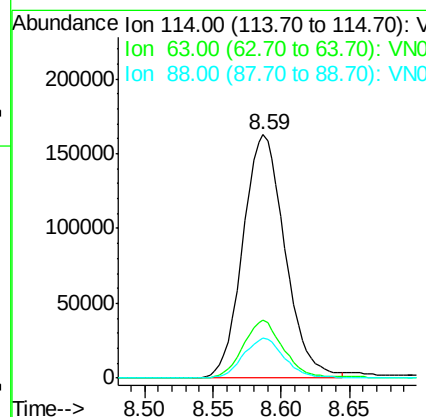
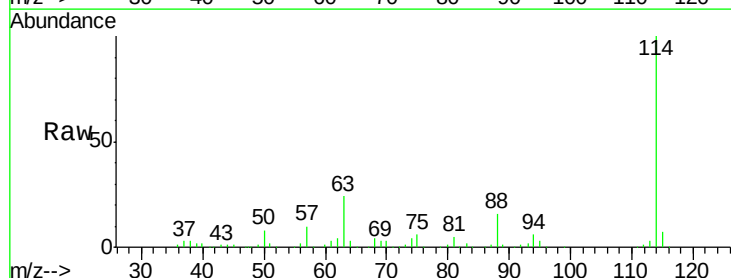
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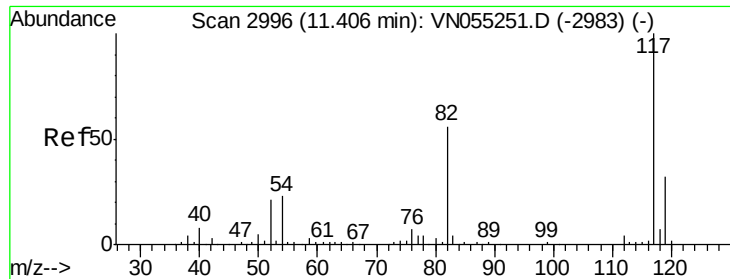
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055262.D
 Acq: 25 Apr 2019 23:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.6	18.2	27.2
88	16.0	12.6	18.8





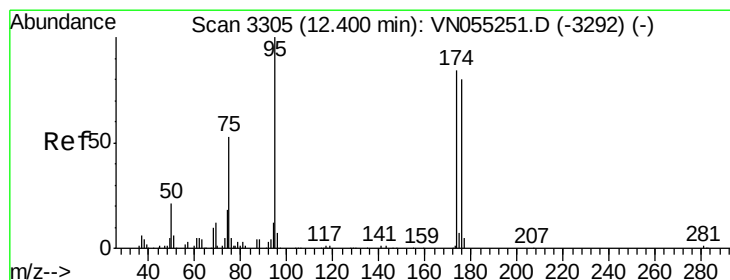
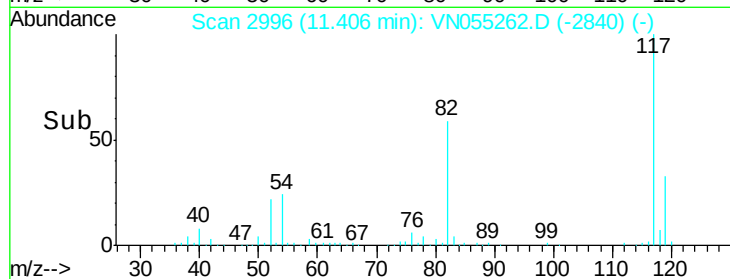
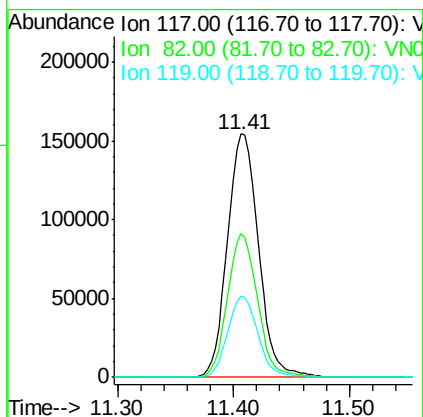
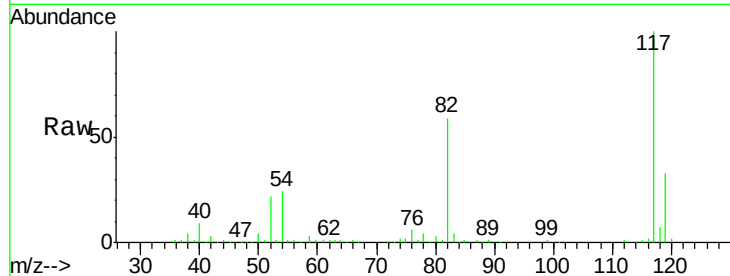
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055262.D
Acq: 25 Apr 2019 23:54

Instrument :
MSVOA_N
ClientSampled :
MH-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.3	67.9
119	32.5	25.4	38.0

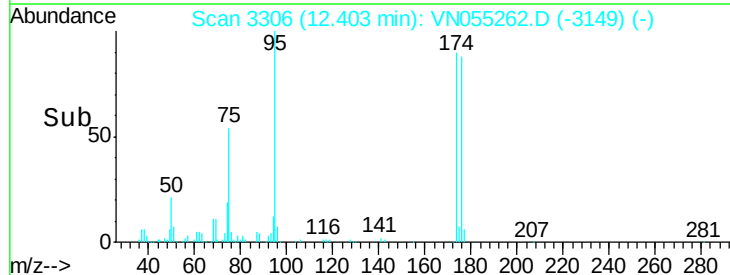
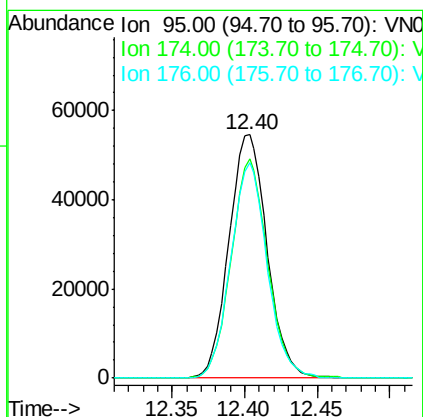
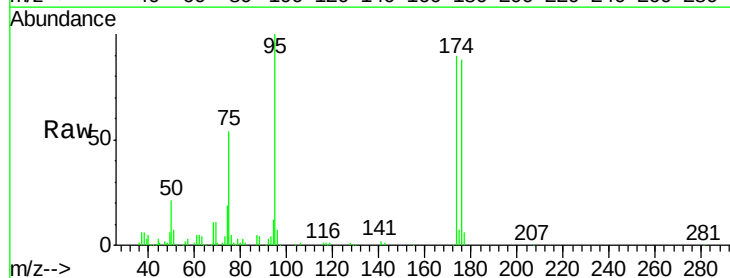
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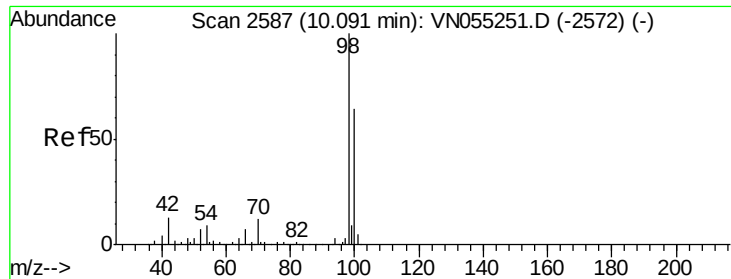
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#60
4-Bromofluorobenzene
Concen: 22.754 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055262.D
Acq: 25 Apr 2019 23:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	68.1	102.1
176	84.1	65.8	98.6





#63

Toluene-d8

Concen: 31.268 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055262.D

Acq: 25 Apr 2019 23:54

Instrument :

MSVOA_N

ClientSampled :

MH-6

Tot Ion: 98 Resp: 424911

Ion Ratio Lower Upper

98 100

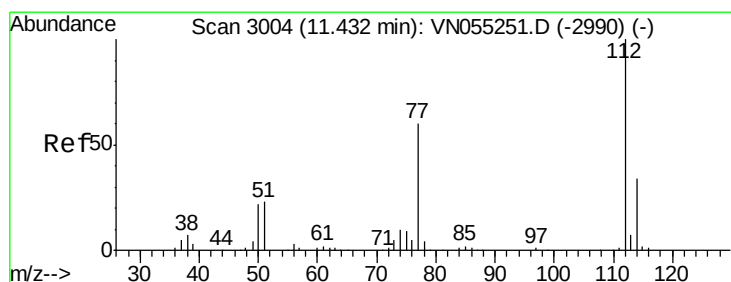
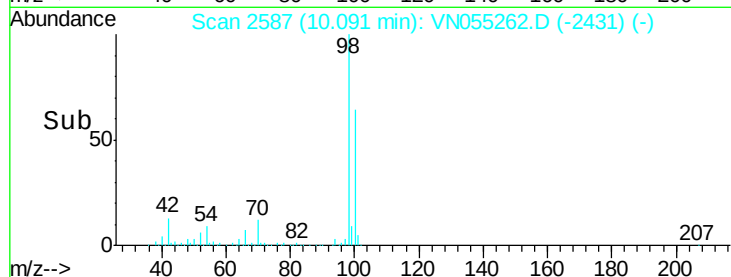
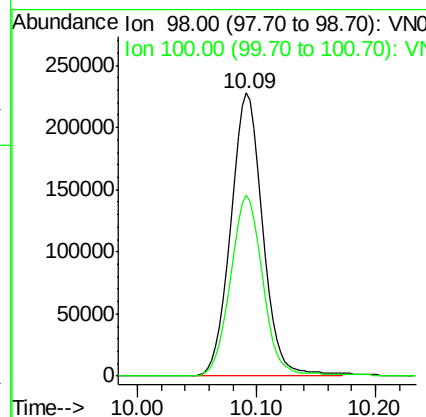
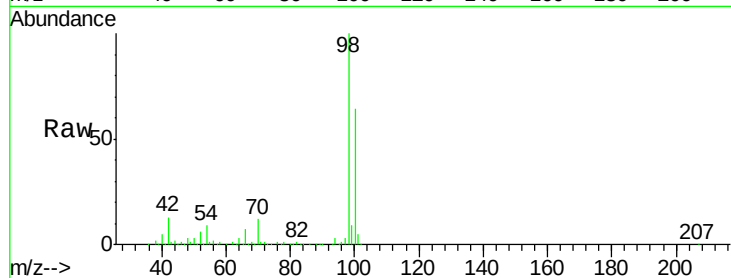
100 63.8 50.0 75.0

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#64

Chlorobenzene

Concen: 3.088 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN055262.D

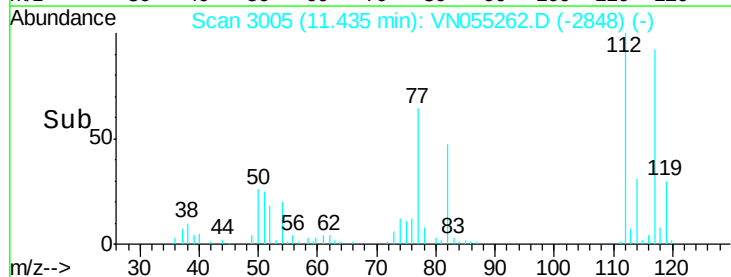
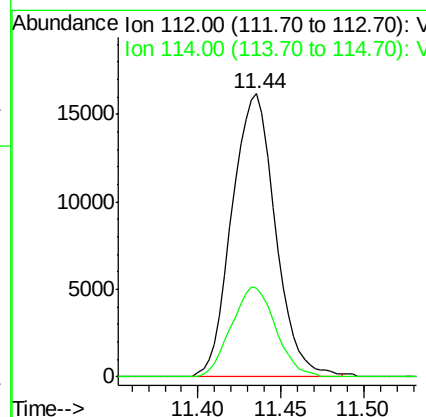
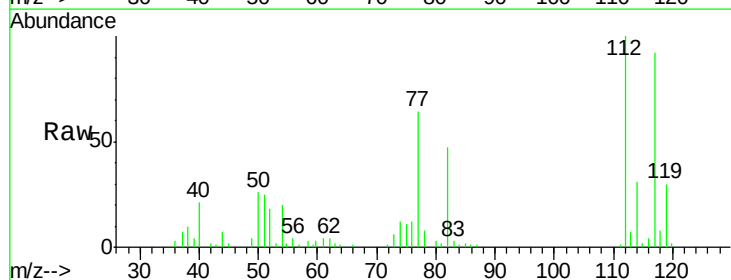
Acq: 25 Apr 2019 23:54

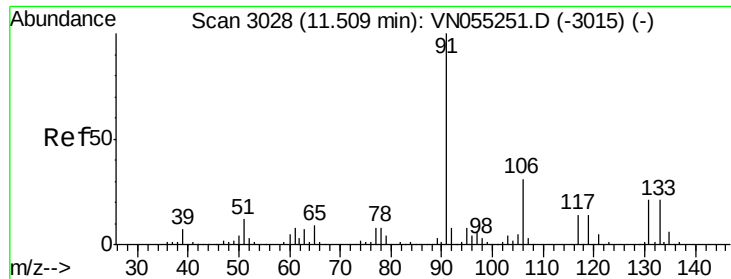
Tgt Ion: 112 Resp: 29601

Ion Ratio Lower Upper

112 100

114 31.3 26.9 40.3





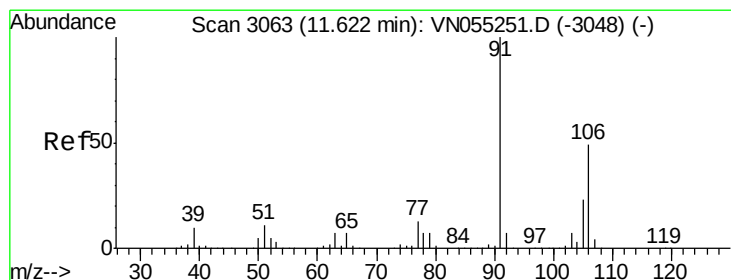
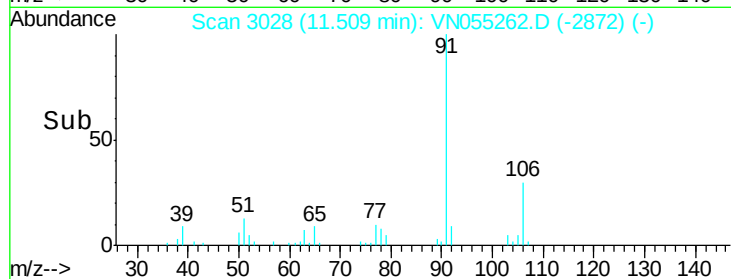
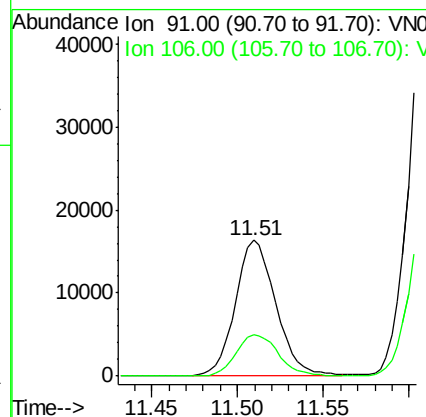
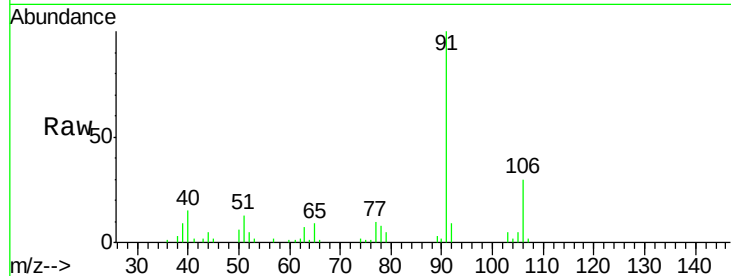
#66
Ethyl Benzene
Concen: 1.564 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055262.D
Acq: 25 Apr 2019 23:54

Instrument :
MSVOA_N
ClientSampled :
MH-6

Tot Ion: 91 Resp: 26906
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

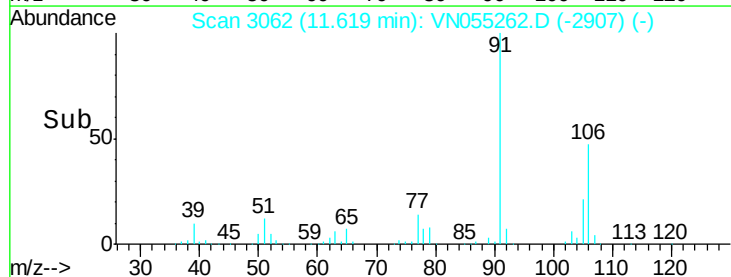
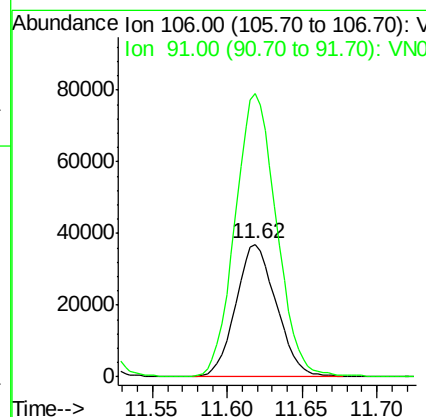
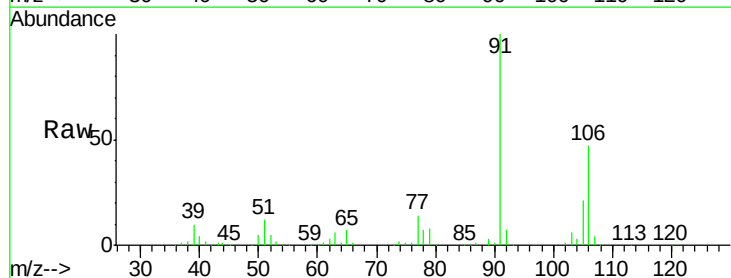
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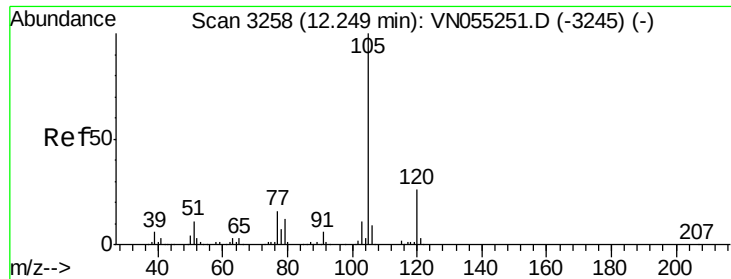
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#67
m/p-Xylenes
Concen: 11.099 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055262.D
Acq: 25 Apr 2019 23:54

Tgt Ion: 106 Resp: 69905
Ion Ratio Lower Upper
106 100
91 218.1 165.4 248.2





#70

Isopropylbenzene

Concen: 0.380 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055262.D

Acq: 25 Apr 2019 23:54

Instrument :

MSVOA_N

ClientSampleId :

MH-6

Tot Ion:105 Resp: 6283

Ion Ratio Lower Upper

105 100

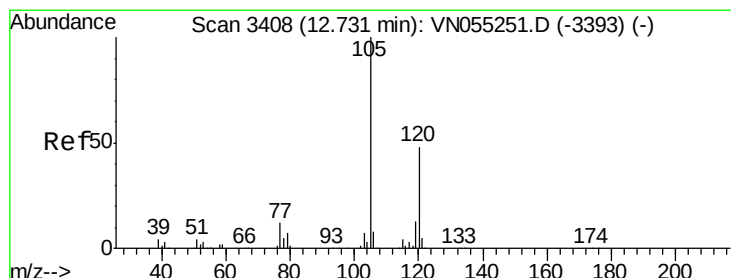
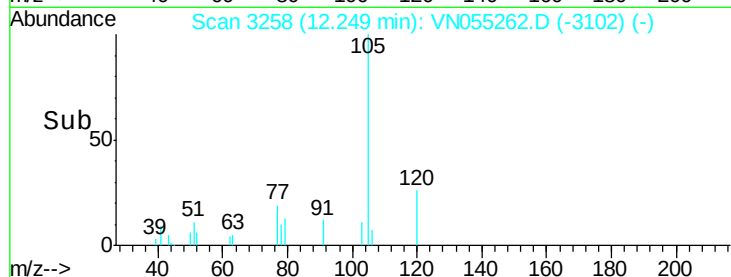
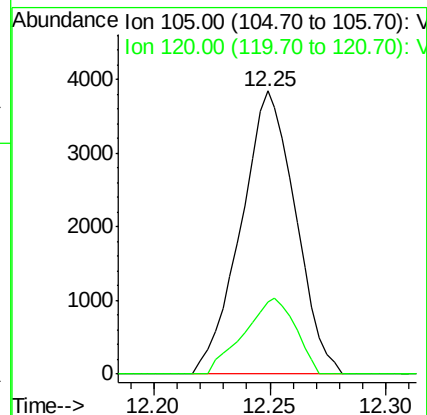
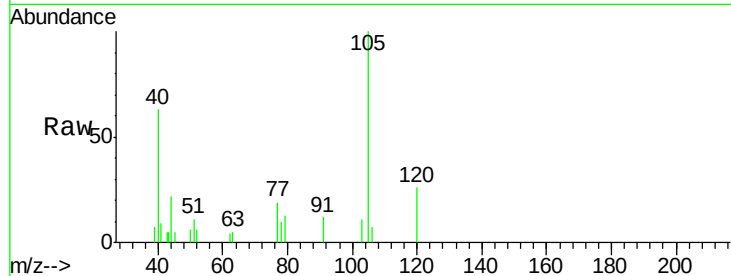
120 25.4 18.1 33.7

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 0.785 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055262.D

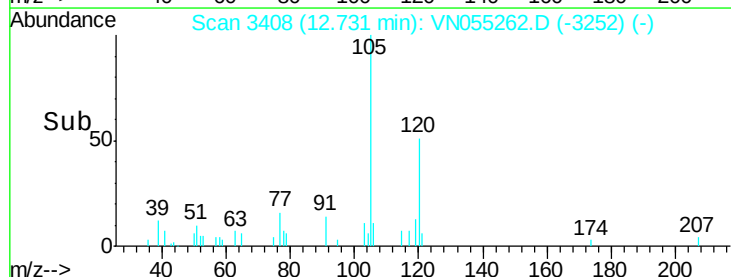
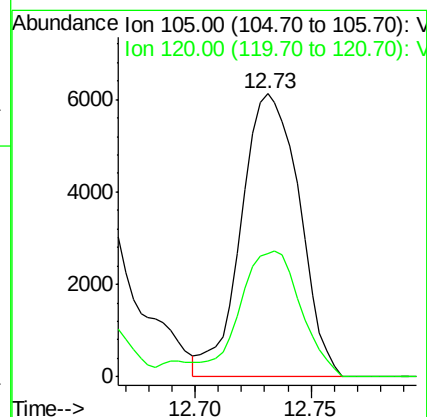
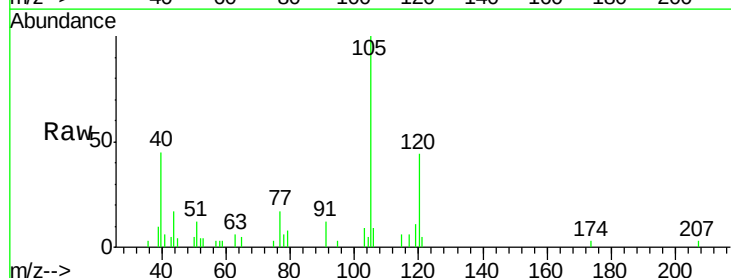
Acq: 25 Apr 2019 23:54

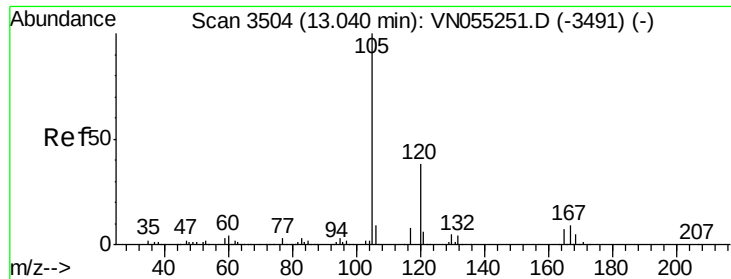
Tgt Ion:105 Resp: 10661

Ion Ratio Lower Upper

105 100

120 46.4 0.0 94.8





#80
 1,2,4-Trimethylbenzene
 Concen: 2.272 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055262.D
 Acq: 25 Apr 2019 23:54

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-6

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.3	0.0	88.6

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